Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 546174 Effective November 10, 1998 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [OR SMALL ENTITY FOR NUMBER EXTRA NUMBER FILED RATE FEE RATE FEE BASIC FEE 380.00 760.00 OR minus 20= TOTAL CLAIMS X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = **X**39= X78= OR MULTIPLE DEPENDENT CLAIM PRESENT +130= +260= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY OR SMALL ENTITY (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL RATE RATE **AMENDMENT** AFTER **PREVIOUSLY EXTRA** FEE AMENDMENT PAID FOR FEE Total Minus X\$ 9= X\$18= OB Independent Minus X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDIœ REMAINING NUMBER PRESENT TIONAL RATE RATE TIONAL AFTER PREVIOUSLY AMENDMENT **EXTRA** AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus = *** X39= X78= OB FIRST PRESENTATION OF MULTIPLE DEPENDENT OF AIM +260= +130= OR TOTAL OR ADDIT, FEE ADDIT, FEE (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AFTER AMENDMENT **PREVIOUSLY** RATE TIONAL RATE TIONAL **EXTRA** AMENDMENT PAID FOR FFF FEE Tota! Minus X\$18= X\$ 9= OR Independent Minus X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999

Application or Docket Number 546174

CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE C SMALL ENTITY OR FOR NUMBER FILED NUMBER EXTRA FEE RATE RATE FFF BASIC FEE 345.00 690.00 12 minus 20= TOTAL CLAIMS X\$ 9= X\$18= OB INDEPENDENT CLAIMS minus 3 = X39= X78= CB MULTIPLE DEPENDENT CLAIM PRESENT +130= +260= * If the difference in column 1 is less than zero, enter "0" in column 2 690 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN SMALL ENTITY OB SMALL ENTITY (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE TIONAL RATE AMENDMENT AFTER PREVIOUSLY **FYTRA** FEE FEE MENDMENT PAID FOR Minus 20 Total X\$ 9= X\$18= OR .3 Independent Minus X39= X78= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE RATE TIONAL MENDMENT AFTER PREVIOUSLY EXTRA AMENDMENT PAID FOR FEE FEE Total 1700 Minute X\$ 9= X\$18-OR Independent Minus *** X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR TOTAL TOTAL ADDIT, FEE ADDIT. FEE (Column 3) (Column 2) (Column 1) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AFTER PREVIOUSLY RATE TIONAL RATE TIONAL AMENDMENT * FXTRA AMENDMENT PAID FOR FEE

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

Miruse

Minus

24

...

20

Total

Independent

OR

OB

3(A)

X\$18=

X78=

+260=

ADDIT, FEE

TOTAL

FEE

X\$ 9=

X39=

+130=

ADDIT, FEE

TOTAL

^{*} If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

[&]quot;If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.